SÜDWEST

SAFETY DATA SHEET

SÜDWEST Isolierfarbe L

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name	SÜDWEST Isolierfarbe L
Unique Formula Identifier (UFI)	0GJ5-50C1-6001-0UF3

1.2 Relevant identified uses of the substance or mixture and uses advised against

	Coating
Uses advised against	This information is not available.

1.3 Details of the supplier of the safety data sheet

SÜDWEST Lacke + Farben GmbH & Co.KG
Iggelheimer Str. 13
D - 67459 Böhl-Iggelheim
Telephone: +49 6324/709-0
info@suedwest.de
www.suedwest.de

E-mail address of person responsible for the SDS European Union	sdb@suedwest.de
1.4 Emergency telephone number European Union	Phone: +44 (0) 1865 407333

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word	:	Warning
Hazard statements	:	H226 Flammable liquid and vapour.
Supplemental Hazard Statements		EUH066 Repeated exposure may cause skin dryness or cracking.
Precautionary statements	:	P102 Keep out of reach of children. **Prevention:** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. **Response:** P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. **Disposal:** P501 Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.
Has a narcotising effect.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Alkanes, C11-13-iso-	246538-78-3 01-2119456810-40-XXXX	Asp. Tox. 1; H304 EUH066	≥ 10 - < 20
Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics	90622-57-4 01-2119472146-39-XXXX	Flam. Liq. 3; H226 Aquatic Chronic 4; H413 Asp. Tox. 1; H304 EUH066	≥ 2,5 - < 10
2-Propenoic acid, butyl ester, homopolymer, reaction products with N,N-dimethyl-1,3-propanediamine	222417-26-7	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 1; H410 Aquatic Acute 1; H400 _____ M-Factor (Acute aquatic toxicity): 1	≥ 0,1 - < 0,25
propylidynetrimethanol	77-99-6 201-074-9	Repr. 2; H361fd	≥ 0,1 - < 1

	01-2119486799-10-XXXX		

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice	When symptoms persist or in all cases of doubt seek medical advice. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Take off contaminated clothing and shoes immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.
Ingestion	Rinse mouth with water. If swallowed, seek medical advice immediately and show this container or label. Keep at rest. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	Inhalation may provoke the following symptoms: Headache Vertigo Drowsiness Unconsciousness

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	Treat symptomatically. No information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistantfoam.
Unsuitable extinguishing media	High volume water jet
5.2 Special hazards arising from the substance or mixture	Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO2) Nitrogen oxides (NOx) Exposure to decomposition products may be a hazard to health. Cool closed containers exposed to fire with water spray.
5.3 Advice for firefighters	In the event of fire, wear self-contained breathing apparatus. Fight fire with normal precautions from a reasonable distance.
Additional advice	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Remove all sources of ignition. Ensure adequate ventilation. Do not breathe vapour. Prevent unauthorized access.
6.2 Environmental precautions	The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.
6.3 Methods and material for containment and cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean with detergents. Avoid solvents. Clean contaminated surface thoroughly. Dispose of contaminated material as waste according to item 13.
6.4 Reference to other sections	Refer to protective measures listed in sections 7 and 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling	Comply with the statutory regulations on health and safety at work. Avoid formation of aerosol. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limit values. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. All metal parts of the mixing and processing equipment must be earthed. Operators should wear antistatic footwear and clothing. No sparking tools should be used.
Hygiene measures	Do not breathe spray, vapour. Take off all contaminated clothing immediately. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. After washing hands, replenish lost skin oil by means of oily skin ointment. When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	Store in original container. Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. Nosmoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a well-ventilated place. Protect from frost, heat and sunlight.
Advice on protection against fire and explosion	Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
Advice on common storage	Keep away from combustible materials. Keep away from food, drink and animal feedingstuffs. Keep away from oxidizing agents and strongly acid or alkaline materials.

7.3 Specific end use(s) For further information, see also Technical Data Sheet for the product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.
The lists that were valid during the creation were used as basis.
Monitoring procedures for the assessment of workplace exposure: standard EN 482

8.2 Exposure controls

Engineering measures

Provide adequate ventilation. Where reasonably practicable this shoud beachieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates solvent vapour below the occupational exposure limit values, suitable respiratory - protection must be worn.
Washing facilities / water for rinsing eyes and skin should be available.

Personal protective equipment

Eye/face protection	:	Safety glasses with side-shields conforming to EN166
Hand protection		
Material	:	Nitrile rubber
Break through time	:	480 min
Glove thickness	:	0,4 mm
Remarks	:	Gloves made of nitrile rubber,e.g. KCL 730 Camatril® Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
Skin and body protection	:	Preventive skin protection Long sleeved clothing Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthehic fiber. All parts of the body should be washed after contact.
Respiratory protection	:	When workers are facing concentrations above the occupational exposure limit values they must use appropriate certified respirators. Breathing protection equipment required in inadequately ventilated places and during spraying. In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator. Combination filter A-P2

Respiratory protection complying with EN 14387.

Environmental exposure controls

Air	:	Avoid release to the environment.
Soil	:	Avoid subsoil penetration.
Water	:	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Colour	:	various
Odour	:	characteristic
Odour Threshold	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	173 °C
Upper explosion limit / Upper flammability limit	:	5,0 %(V) Medium: Upper explosion limit
Lower explosion limit / Lower flammability limit	:	0,5 %(V) Medium: Lower explosion limit
Flash point	:	58 °C Method: closed cup
Decomposition temperature	:	No data available

pH	:	not determined
Viscosity		
Viscosity, dynamic	:	ca. 2.500 mPa.s (20 °C)
Viscosity, kinematic	:	ca. 346,5 mm²/s (40 °C)
Flow time	:	> 90 s at 20 °C Cross section: 4 mm Method: ISO 2431
Solubility(ies)		
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	not determined
Vapour pressure	:	0,6 hPa (20 °C)
Density	:	ca. 1,6 g/cm³
Relative vapour density	:	No data available

9.2 Other information

Explosives	:	Not explosive In use may form flammable/explosive vapour-air mixture.
Oxidizing properties	:	Not applicable
Flammability (liquids)	:	Not applicable
Self-ignition	:	not auto-flammable

Evaporation rate	:	not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions	No dangerous reaction known under conditions of normal use. Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid	Direct sources of heat. Strong sunlight for prolonged periods.

10.5 Incompatible materials

Materials to avoid	Strong acids and strong bases Strong oxidizing agents

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product:

Acute oral toxicity	Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Based on available data, the classification criteria are not met.
Acute dermal toxicity	Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Product:

Repeated exposure may cause skin dryness or cracking.

Components:

Alkanes, C11-13-iso-:

Repeated exposure may cause skin dryness or cracking.

Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics:

Repeated exposure may cause skin dryness or cracking.

2-Propenoic acid, butyl ester, homopolymer, reaction products with N,N-dimethyl-1,3-propanediamine:

Species	Rabbit
Method	OECD Test Guideline 404

Causes skin irritation.

Serious eye damage/eye irritation
Product:

Based on available data, the classification criteria are not met.

Components:
2-Propenoic acid, butyl ester, homopolymer, reaction products with N,N-dimethyl-1,3-propanediamine:

Species	Rabbit
Method	OECD Test Guideline 405
	Causes serious eye damage.

Respiratory or skin sensitisation
Product:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity
Product:

Genotoxicity in vitro	Based on available data, the classification criteria are not met.

Carcinogenicity
Product:

Based on available data, the classification criteria are not met.

Reproductive toxicity
Product:

Effects on fertility	Based on available data, the classification criteria are not met.
Developmental Toxicity	Based on available data, the classification criteria are not met.

Components:
propylidynetrimethanol:

Effects on fertility	Suspected of damaging fertility.
Developmental Toxicity	Suspected of damaging the unborn child.

STOT - single exposure
Product:

Based on available data, the classification criteria are not met.

STOT - repeated exposure
Product:

Based on available data, the classification criteria are not met.

Aspiration toxicity
Product:
Based on available data, the classification criteria are not met.

Components:
Alkanes, C11-13-iso-:
May be fatal if swallowed and enters airways.

Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics:
May be fatal if swallowed and enters airways.

Toxicology, Metabolism, Distribution
Further information
Product:

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Experience with human exposure

Product:

General Information Exposure to component solvent vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects.
Such as: mucous membrane irritation, respiratory system irritation, adverse effects on kidney, liver and central nervous system.
Symptoms and signs: headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.
Long-term or repeated contact with the product leads to degreasing of the skin and can cause nonallergenic contact skin damage (contact dermatitis) and / or the resorption of substances.

Solvent sprays can cause irritation and reversible damage to the eye.

Further information

Product:

Remarks : The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product:

Toxicity to fish No data available

Components:

2-Propenoic acid, butyl ester, homopolymer, reaction products with N,N-dimethyl-1,3-propanediamine:

Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)): 0,89 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 202

M-Factor (Acute aquatic toxicity) 1

12.2 Persistence and degradability

Product:

Biodegradability No data available

Components:

2-Propenoic acid, butyl ester, homopolymer, reaction products with N,N-dimethyl-1,3-propanediamine:

Biodegradability not rapidly degradable
Method: OECD Test Guideline 301B

propylidynetrimethanol:

Biodegradability not rapidly degradable
Biodegradation: 6 %
Exposure time: 28 d

12.3 Bioaccumulative potential

Product:

Bioaccumulation No data available

Components:
propylidynetrimethanol:

Partition coefficient: n-octanol/water	log Pow: -0,47

12.4 Mobility in soil

Product:

Mobility	No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties

Product:

Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information	Do not allow product to enter into ground water, bodies of water or sewage systems.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste" Partial and residual quantities can be reused. Fluid remains constitute hazardous waste and should not be poured into the sewage system. They should be taken to a local waste disposal site.
Contaminated packaging	Packaging that is not properly emptied must be disposed of as the unused product. Empty packaging should be recycled through disposal systems.
Waste key for the unused product	08 01 11* waste paint and varnish containing organic solvents or other hazardous substances (*) hazardous waste in terms of the European directive 2008/98/EG

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

ADR	1263
IMDG	1263
IATA	1263

14.2 UN proper shipping name

ADR	PAINT
IMDG	PAINT

IATA	Paint

14.3 Transport hazard class(es)

ADR	3
IMDG	3
IATA	3

14.4 Packing group

ADR

Packing group	III
Classification Code	F1
Hazard Identification Number	30
Labels	3
Tunnel restriction code	(D/E)

IMDG

Packaging group	III
Labels	3
EmS number	F-E, S-E

IATA

Packaging group	III
Labels	3

14.5 Environmental hazards

ADR
Environmentally hazardous : no

IMDG
Marine pollutant : no

14.6 Special precautions for user

Remarks This information is not available.

14.7 Maritime transport in bulk according to IMO instruments

Remarks Not applicable

Additional advice

ADR: Packages < 450l: No dangerous goods (ADR 2.2.3.1.5), IMDG: Packages < 450l: No dangerous goods (IMDG 2.3.2.5).

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC Directive 2010/75/EU	21,2 %
VOC Directive 2004/42/EC	20,3 % 324,2 g/l
	EU limit value for this product (cat. A/g) :350 g/lThis product contains max350 g/lVOC.
Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	Not applicable
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	Conditions of restriction for the following entries must be considered:: (40, 3)Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics
Other regulations	Comply with the statutory regulations on health and safety at work. Take note of Dir 94/33/EC on the protection of young people at work. Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

15.2 Chemical safety assessment

This information is not available.

SECTION 16: OTHER INFORMATION

Changes from the previous version are indicated by markings in the left-hand margin.
The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

Full text of H-Statements

H226	:	Flammable liquid and vapour.
H304	:	May be fatal if swallowed and enters airways.
H315	:	Causes skin irritation.
H318	:	Causes serious eye damage.
H361fd	:	Suspected of damaging fertility. Suspected of damaging the unborn child.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.
H413	:	May cause long lasting harmful effects to aquatic life.

Full text of other abbreviations

Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard
Eye Dam.	:	Serious eye damage
Flam. Liq.	:	Flammable liquids
Repr.	:	Reproductive toxicity
Skin Irrit.	:	Skin irritation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; BGW - Biological Limit Values; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); LSPN - List of Hazardous Notified Substances (Chile); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information	The assessment was carried out in accordance with Article 6 (5) and Appendix I of EC Directive no. 1272/2008.
Department issuing MSDS	sdb@suedwest.de
REG_EU / EN	

SÜDWEST Isolierfarbe L